INTERNATIONAL SEARCH REPORT

Internetic an noticetion No PCT/Gu U2/04581

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H0583/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. RELDS SEARCHED

Minimum gocumentation searched (classification system followed by classification symbols) $IPC \ 7 \ H05B$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category *	Citation of document, with indication, where appropriate, of the celevant passages	Relevant to claim No.
X	US 5 657 532 A (TURVEY SIMON P ET AL) 19 August 1997 (1997-08-19) column 2, line 29 -column 2, line 39 column 2, line 50 -column 2, line 52; claim 1; figures	1-17
A	US 6 137 089 A (PRAGT JOHAN ET AL) 24 October 2000 (2000-10-24) column 2, line 37 -column 3, line 50; claim 1; figures 1,2	1-3,8,9
A	US 6 121 586 A (DOYLE KEITH BARRIE ET AL) 19 September 2000 (2000-09-19) column 3, line 8 - line 16; claim 1; figures 4,5 -/	1-3,8,9

Further documents are listed in the continuation of box C.	Petern tamily members are listed in annex.
*Special categories of ched documents: *A* document defining the general state of the last which is not considered to be of particular subvance. *E* earlier document but published on or after the International filling date. *U* document Which may throw doubts on priority etalm(s) or which is cited to establish the publication date of another citation or other special reason (as specified). *O* document reterming to an eral disclosure, use, exhibition or other means. *P* document published prior to the international filling date but later than the priority date claimed.	"I" tater document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to broke an inventive step when the document is taken either cannot be considered to broke an inventive step when the document is cannot be considered to broke an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person sidilar in the art. "A" document member of the same patient lamity
Date of the actual completion of the international search	Date of mailing of the infernational search report
3 February 2003	10/02/2003
Name and mailing address of the ISA	Authorized officer
European Patemi Office, P.B. 5918 Patemitaan 2 NL - 2280 HY Riswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Faz: (+31-70) 340-3016	De Terlizzi, M

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